MOLESNIKOV, P.1.; KRASYUK, A.D.; BRINTSEV, A.I.

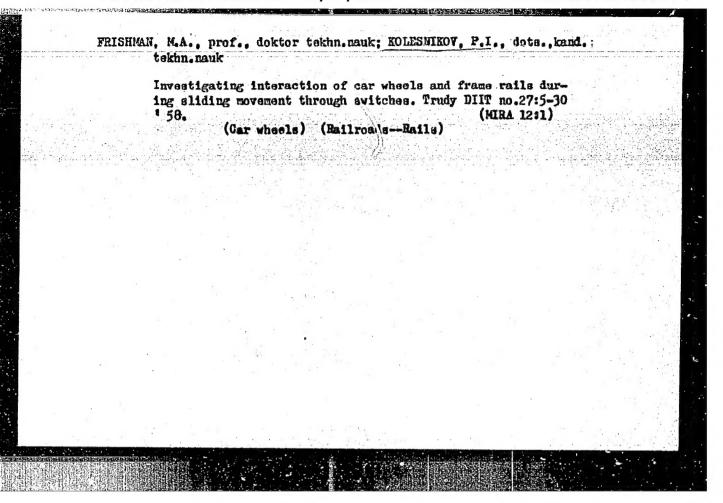
Using testers in the fields of the Stavropol region. Burenie no.2:31-34 '65. (MIRA 18:5)

1. Ob"yedineniye "Stavropol'neftegaz".

KOLESNIKOV, Pavel Ivanovich, kand.tekhn.nauk; LIDERS, Georgiy Vladimirovich, kand.tekhn.nauk; ERADZE, David Georgiyevich, inzh.; SERGEYEVA, A.I., inzh., red.; VERINA, G.P., tekhn.red.

[Rail-lifting repair of tracks; practices of track repairmen of the Stalino, North Caucasus, and Southwestern Railroad] Pod - emochnyi remont puti; opyt puteitsev Stalinskoi, Severo-Kav-kazskoi i Iugo-Zapadnoi dorog. Moskva, Gos. transp. zhel-dor. izd-vo, 1958. 99 p. (MIRA 11:12)

(Railroads--Track)



8(2)

SOV/91-59-3-9/22

AUTHOR:

Kolesnikov, P.I., Engineer

TITLE:

The Control of Cutouts in Voltage Circuits (Kontrol'

tselosti predokhraniteley tsepey napryazheniya)

PERIODICAL:

Energetik, 1959,

Nr 3, pp 19-20 (USSR)

ABSTRACT:

The author states that the existing control systems of cutouts using filters with zero sequence currents have one essential disadvantage, namely, they act when the fuses burn out as well as when a ground fault appears in the 6-35 kilovolt networks, with an ungrounded neutral. In order to eliminate this disadvantage, the author recommends application of the control system, designed by himself, for voltage transformers in 6-35 kilovolt networks. The system consists of two filters with 3 capacitors each, and a signaling relay. One of the filters is placed before the cutouts and the other behind them. To increase the sensitivity of the signaling relay - a 2 Ohm resistor is connected

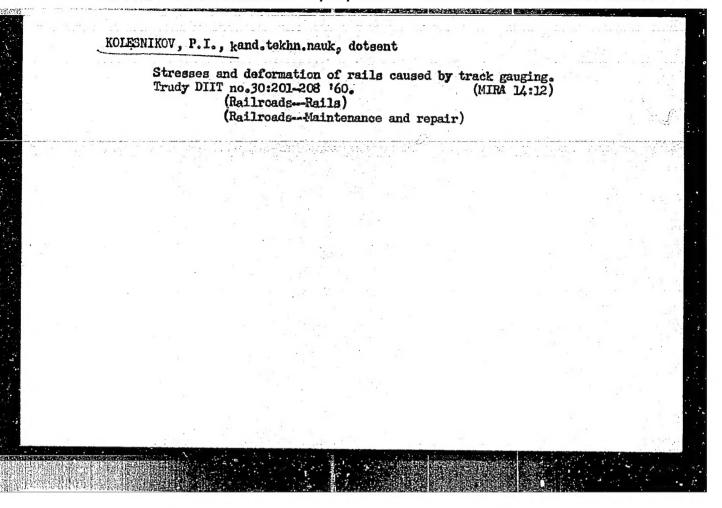
Card 1/2

The Control of Cutouts in Voltage Circuits

in series with each line. The capacity of the capacitors are 4-6 microfarads; the relay is ET-523/01 type. The system has been in operation on 6 power transmission lines for over one year without any defects.

There is 1 circuit.

Card 2/2



KOLESNIKOV, P.I., dotsent, kand. tekhn. nauk (Tashkent);
SUDARUSHKIN, A.F., inzh. (Tashkent); SINYAGIN, Yu.A., inzh.
(Tashkent)

Stabilization of tracks with reinforced concrete ties and gravel ballast. Put' i put. khoz. 7 no.6:6-8 '63.

(MIRA 16:7)

(Railroads—Track) (Ballast(Railroads))

ALEKSANDROV, K.K.; KOLESNIKOV, P.I. Acceleration of the technological progress is the aim. Put! 1 put. khoz. 8 no.3115 '64. (MIRA 17:3) 1. Glavnyy inzh.sluzhby puti, Sredneaziatskaya doroga, Tashkent (for Aleksandrov). 2. Zaveduyushchiy kafedroy "Put! 1 putevoye khozyaystvo" Tashkentskogo instituta inzhenerov zheleznodorozhnogo transporta, Tashkent (for Kolesnikov).

KOLESNIKOV, P.I., kand. tekhn. nauk (Tashkent); SUDARUSHKIN, A.P., inzh. (Tashkent).

Continuous rail track on sorted gravel. Put' i put. khoz. 8 no.11215-16 '64, (MIRA 18:2)

KOLESNIKOV, P.I., kand. tekhn. nauk (Tashkent); TARSIN, V.P., inah.

(Tashkent)

Continuous rail tracks in Central Asia. Put' i put. khoz.
8 no.7:2-3 '64.

(MIRA 17:10)

ENT(1)/ENG(k)/BDS/EEC(b)-2/ES(w)-2 AFWL SSD Pz-u/Pi-u/Pab-u AF/TUF(C) 1/2050/kg 111 200 N330 0822 1 17 AP 500 3951 " hnyak, N. A.; Kolesnikov, P. M. now of electrodynamic acceleration of plasma bunches in a coaxial 44 1 193 41 1N 1 1 1 Total tekhnicheskoy fiziki, v. 33, no. 7, 1007, 200-200 plasma physics, plasma acceleration, coapial appelarator, plasma in analytical derivation of acceleration equations is presented. the assumption of a perfectly conducting plasms bunch shunting the I am' a phase velocity much lower than the speci of light. The latter imposes the requirement of considering the libble pent-pursent terms. the a complex system of nonlinear integratifierential equations. w interpretation of the system indicates that the limitime velocity and is equal to the voltage wave velocity in the relation line. Time entermined for establishing the point bean a committee con-tent oursents is no longer necessary. Into action of the committee Kongo k . 1., 1.

desnikov, P.M.

process in a coaxial plasma gun

armal tekhnicheskoy fiziki, v.34, no.11, 1064, 1933-1938

. is ma gun, plasma resistance, plasma acceleration, mathematical phy-

offuence on the operation of a coaxial plasma gin of the relation went I through the accelerated plasma and the potential V across it retically. The relation between V and I is assumed to have the form were R and B are constants. By selecting suitable values for these cases of a perfectly conducting plasma or a plasma that follows treated. The term BI3 represents the induced back emf and the non-its long compared with the relaxation times of the relevant plasma processes are not treated. The equations of motion are solved analytically for

... 2

ACCESCETON NE. AP4049032

und the later stages for small R. The equations were solved numerical—

of a computer for intermediate values of the parameters it is non
est of the acceleration occurs in the early stage of the process

find the first half-cycle), and that the value of R exerts a large in—

that of B a small one on the course of the process. The effect of dis—

Timence and that of Beasmall one on the course of the process. The effect of discourse of the process of the process

"APPROVED FOR RELEASE: 09/17/2001 CIA-

CIA-RDP86-00513R000723810014-5

I. 14954-66 EPF(n)-2/EWA(h)/EWT(1)/EWT(m)/ETC(f)/EWG(m) IJP(c) AT ACC NR. AT6004123 SOURCE CODE: UR/OL/20/65/000/001/0045/0048

AUTHOR: Kolesnikov, P. M.

ORG: none

TITLE: Cerenkov radiation of a plasma bunch

SOURCE:

Samoletostroyeniye i tekhnika vozdushnogo

flota, no. 1, 1965, 45-48

TOPIC TAGS: moving plasma, microsum plasma electromagnetic wave, plasma radiation, Cerenkov radiation, wavequick

ABSTRACT: The field of a plasma bunch moving uniformly along a coaxial line at the limiting velocity V_o equal to the propagation velocity of the electromagnetic wave is considered. The telegrapher's equations are first written, ignoring the conductivity and representing the current as a delta-function

 $I_ab(x-V_at)$

to describe the plasma bunch. It is found that the solution in this case has only attenuated waves and does not contain traveling waves. Next, the telegrapher's equations are written considering conductivity

 $\frac{\partial I}{\partial x} = -C \frac{\partial U}{\partial \ell} - GU + I_{\bullet} \delta (x - V_{\circ} \ell),$ $\frac{\partial U}{\partial x} = -L \frac{\partial I}{\partial \ell} - RI.$

Card 1/2

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ACC NR: AT6004123

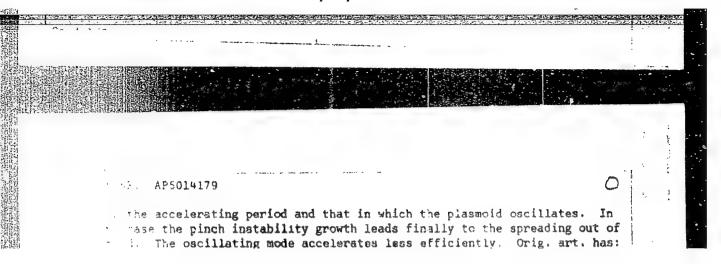
The solution, again obtained by using the Fourier integral representation, is indicated for several possible cases. For the particular case of interest, when $4GR(LCV_0^2-1) > V_0^2(RC+GL)^2$ the solution is $I = -I_0 \frac{V_0^2(RC+GL)^2 + 4GR(LCV_0^2-1)}{2(LCV_0^2-1) + 4GR(LCV_0^2-1) + 3V_0^2(RC+GL)^2} \times \begin{cases} -I_0 \frac{V_0^2(RC+GL)^2 + 4GR(LCV_0^2-1) + 3V_0^2(RC+GL)^2}{2(LCV_0^2-1)} \\ + e \frac{I_0 - I_0 \frac{V_0^2(RC+GL)^2 + I_0 \frac{V_0^2(RC+GL)^2}{2(LCV_0^2-1)}}{2(LCV_0^2-1)} \\ + e \frac{I_0 - I_0 \frac{V_0^2(RC+GL)^2}{2(LCV_0^2-1)} \\ + e \frac{I_0 - I_0 \frac{V_0^2(RC+GL)^2}{2(LCV_0^2-1)}}{2(LCV_0^2-1)} \end{cases}$ where $P = x - V_0 I_0 + I_0 \frac{I_0 - I_0 - I_0 \frac{V_0^2(RC+GL)^2}{2(LCV_0^2-1)}}{I_0 - I_0 - I_0 \frac{V_0^2(RC+GL)^2}{2(LCV_0^2-1)}}$ is negative. This take it of corresponds to the delta-current radiating attenuated elactromagnetic range of the corresponding solution for the voltage can be constructed in an analysis of the corresponding solution.

Subscript Obtained Order and Order Reference of the corresponding solution.

Card 2/2 Order 20/10 Subm Dates none/Order Reference of the corresponding solution.

IJP(c) 20034-65 EFF(n)-2/EPA(w)-2/EFT(1)/EVG(n) P1-4/P0-4/P2-6 NY MR: AP5014179 AT/WW UR/0382/65/000/001/0073/0079 533.95:538.4:621.362 solesnikov, P. M. relevation of the oscillating plasmoid Magnithaya gidrodinamika, no. 1, 1965, 73-79 magnetohydrodynamics, plasmoid acceleration, plasma instability Rehaviour of the oscillating plasmoid in a high current accelerating redied. The motion of the plasmoid is described for the case of a rail

of or with the energy storage capacitor discharging through a combination



12 formulas, 4 figures.

N: none

22Jul64 ENCL: 00 SUB CODE: ME, EM

215 OTHER: 001

DWT(1)/EWP(m)/EWA(d)/T=2/EWA(h)/EWA(1)INP(c) SOURCE CODE: UR/0420/65/000/002/0022/0027 AUTHOR: Kolesnikov, P. M. Contract District State of the State of ORG: none TITLE: The Lagrange problem in magnetohydrodynamics SOURCE: Samoletostroyeniye i tekhnika vozdushnogo flota, no. 2, 1965, 22-27 TOPIC TAGS: magnetohydrodynamics, Lagrange problem, detonation wave, wave propagation ABSTRACT: The author investigates problems in the theory of projection of bodies by detonation products. The study is made in the MHD approximation. The parameters of the mas behind the detonation wave are determined, assuming a Co The motion of a contract effect of detonation products is also studied. The author studies an concarning a piston. On one side of the piston is a detonation mixture, located and the control perpendicular to the axis of the tube, and on the other side there is a vaccium. It is assumed that the conductivity of the mixture is sufficiently high. The Card 1/2

L 24792-66

ACC NR: AP6007889

mixture begins detonating from the piston. In conclusion, the author expresses his gratitude to V. P. Demutskiy and N. A. Khizhnyak for discussing and assisting in the work.

Tig. art. has: 38 formulas.

SUB CODE: 20 / SUBM DATE: none / ORIG REF: 006 / OTH REF: 003

SOURCE CODE: /2.0057/65/035/010/1736/1742

Action ikov, P.M.; Khizhnyak, M.A.

CRG: Khar'kov Aviation Institute (Khar'kovskiy s/istsionary institut)

Title: On the nonlinear oscillations of the plasms behind a front on which charged

SOURCE: Zhurnal tekhnicheskoy fiziki, 7, 35, nc. 10, 1965, 1736-1742

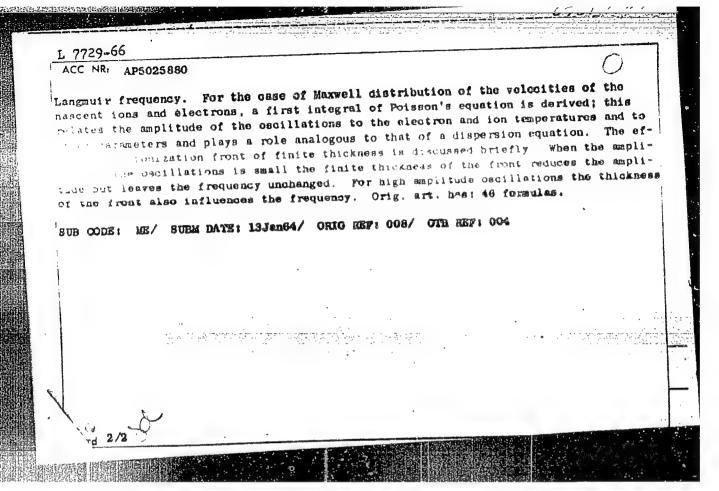
TOPIC TAGS: plasma oscillation, plasma shock wave, mathematic physics, kinetic equation, nonlinear equation

ABSTRACT: The authors discuss the behavior of the completely ionized plasma behind an "ionization front" propagating in an unionized gas and ionizing it. The treatment is based on the inhomogeneous kinetic equations for the electron and ion distribution functions and Posson's equation for the self-consistent electric potential describing the Coulomb interactions. The collision integrals are not included in the kinetic equations. These equations are solved by Cauchy's method of characteristics and the resulting general solution is specialized for the case of an infinitely thin ionization front and for delta-function and Maxwell distributions of the velocities of the nascent ions and electrons. It is shown that under certain conditions (which are derived) longitudinal traveling waves develop in the plasma with a frequency close to the

Card 1/2

AP5025880

UDC: 533,9



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L 1326-66 EVIT (1)/ETC/EPF(n)-2/EVG(m)/EPA(w)-2 LJP(c) AT

ACCESSION NR: AP5024032

UR/0057/65/035/009/1577/1584

AUTHOR: Kolesnikov, P. M. 44, 55

TITLE: Acceleration of a pulsating plasma beam

SOURCE: Zhurnal tekhnicheskoy fiziki, v. 35, no. 9, 1965, 1577-1584

TOPIC TAGS: plasma beam, plasma gun, plasma acceleration, plasma discharge

ABSTRACT: The author has calculated the behavior of a plasma gun in which a cylindrical plasma joining two parallel electrodes is accelerated by the electrodynamic forces arising when a capacitor is discharged through it. The possibility of radial pulsations of the plasma cylinder was taken into account. The calculations were based on the equation of motion of the plasma cylinder, the circuit equations, an expression for the circuit inductance as a function of the position and radius of the plasma cylinder, and the equation for the radial pulsations of the plasma. The last equation was taken from a work of M. A. Leontovich and S. M. Osovets (Atomnaya energiya, 1, 3, 81, 1956) and expresses the equality of the inertial reaction of the radially expanding or contracting plasma cylinder to the

Card 1/2

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ACCESSION NR: AP5024032

forces of magnetic and gas kinetic pressures. This equation was derived on the assumption that the plasma is a monatomic gas with an adiabatic index of 5/3. The equations are rewritten in terms of dimensionless quantities. The equations were solved on a computer for appropriate initial conditions and for a number of values of several of the five dimensionless parameters that characterize the plasma gun. Some of the solutions are presented graphically. The entire calculation was repeated with an approximate expression proposed by A.K.Musin (Radiotekhnika i elektronika, 7, 3, 547, 1962) for the circuit inductance as a function of the position and radius of the plasma cylinder. The two calculations gave very similar results. The solutions are discussed and approximate ranges of the parameters are found within which pulsations occur. The plasma gun is most efficient under such conditions that the plasma cylinder expands without pulsating, and as much as 80% of the energy stored in the capacitor can appear as kinetic energy of the plasma purst. Orig. art. has: 29 formulas and 9 figures.

ASSOCIATION: none

SUBMITTED: 21Sep64

ENCL: 00

SUB CODE: ME

NO REF SOVI 015

OTHER: 002

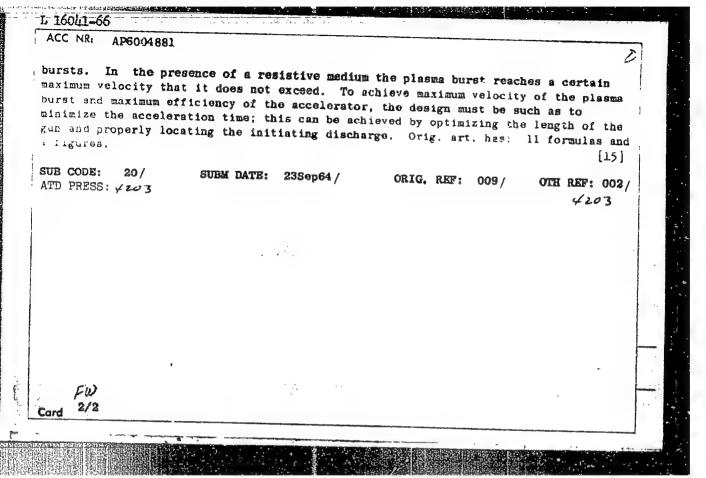
ATD PRESS: 4/03

Card 2/2

को ज्ञाति (हि. हिस्स रहे - ३ हिस्स रहे को स Y lesnikov, P. M. umi: huhê TITLE: Acceleration of a plasmoid in a strong-current accelerator with eroding electrodes SCUPCE: Samoletostroyeniye i tekhnika vozdushnogo flota, no. 3, 1965, 30-35 TOPIC TAGS: plasmoid acceleration, erosion, plasma accelerator, plasma velocity, The author considers the acceleration of a plasmoid of variable mass reof from the erosion of electrodes, with account taken of the resistance of gas the motion of the plasmoid. The problem is of interest because the electhe serie acceleration of plasmoids in strong-current accelerators (such as a Maris always accompanied by destruction of the electrodes and a change in it mass. This in turn affects the dynamics of the acceleration. A comthe plants id and the loss of mass from the electrodes, and is solved by means of an . Down to imputer (Ural) for different values of the parameters of the problem. From the emperison of the results of the solution with the experimental data it is that allowance for the eroding metal mass leads to a jecrease in the maxinum well city, as compared with the ideal case. The momentum of the plasmoid remains approximately constant, but the accelerator efficiency decreases. The resistance of Card 1/2

L 27060-66 ACC NR: AP6006433 the external medium greatly reduces the volocity, especially in the case of large plasmoids. To obtain maximum velocity and to increase the momentum and the efficiency of the accelerator, it is necessary to limit the plasmoid acceleration time thoraing all optimal accelerator length or by opening the switching circuit at the instant when maximum velocity is attained. Orig. art. nas: - figures and lifermulas. SUB CODE: 20/ ORIG REF: 009/ OTH REF: 002/DATE SUEM: 00

. A.	P6004881	SOURCE COSE	: UR/0057/66/0		6+ 1	
AUTHOR: Kol	esnikov. P.K.				F. 30	
ORG: none					loot rodes	
TITLE: Accel	eration of a pla	sme burst in a con	axial accelerate	r with erodi	ng electrodes	
couper Zhu	rnal tekhniches	koy fiziki, v. 36,	nc. 1, 1966, 86	0-84	: -	
TOPIC TAGS:	plasma gum, pl	asms acceleration,	plasma velocity	y, elect ro de,	erosion,	
mookanic	• 4					
as an ead of it is assume to the time medium is p assumed that with it. To find a lines of the state of the s	the plasma taked that the mass integral of the reportional to the equations of the relevant	of a plasma burst its of electrode er cen into account. Its of material erode is square of the curthe square of the terial becomes part motion were solved parameters, and the d that electrode elatively little ereases the maximum	To formulate the d from the electrent and that ovelocity of the tof the plasma d with the aid of the solutions are rosion decreases.	e equations of trodes is profit the resistant burst burst and in presented great the maximum and the continuation of the maximum and the second continuation and the continuation of the c	oportional ance of the It is accelerated for a number aphically and volocity of that the re-	- Laboratoria and a second sec
Bistance of	,					



ACC NRI AP 7001313

SOURCE CODE: UR/0057/66/036/012/2199/2203

AUTHOR: Kolenikov, P.M.

ORG: Khar kov Aviation Institute (Khar kovskiy aviatsionnyy institut)

TITLE: On analytic solutions of a class of equations of nonlinear electrodynamics

SOURCE: Zhurnal tekhnicheskoy fiziki, v. 36, no. 12, 1966, 2199-2203

TOPIC TAGS: mathematic method, Maxwell equation, nonlinear equation, Cauchy problem, electrodynamics

ABSTRACT: The author presents a method for obtaining analytic solutions of the one-dimensional Maxwell equations $\delta H/\partial z = -k \delta E/\partial t$, $\delta E/\partial z = -\mu \delta H/\partial t$ when the dielectric constant k is a function of the electric field strength E and the magnetic permeability μ is a function of the magnetic field strength H. The two characteristic variables are introduced as new independent variables. This leads to a second order partial differential equation for either z or t in terms of the new independent variables. These equations are written for the two special cases when either μ or k is constant. It is shown that when μ is constant (the case when k is constant can be treated similarly) the second order equation in the new independent variables reduces to the Euler-Poisson-Darboux equation with parameter m provided $k = (AE + C)^{n}$, where A and C are constants and n = 4m/(1 - 2m). When m is an integer, the solution of the second order equation can be expressed in terms of elementary functions; otherwise,

Card 1/2

UDC: 538.30

ACC NAPRIO DED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000723810014-5

the solution can be expressed in terms of hypergeometric functions. As examples, the general solutions of Cauchy's and Goursat's problems are obtained for the special case m = 1. This case has previously been treated by S.A.Khristianovich Prikladnaya matematika i mekhanika, 11, 2, 215, 1947) in connection with hydrodynamics. The author thanks G.A.Dombrovskiy and N.A.Khizhnyak for valuable advice. Orig. art. has: 37 formulas.

SUB CODE: 20

SUBM DATE: 04Nov 65

ORIG. REF: 004

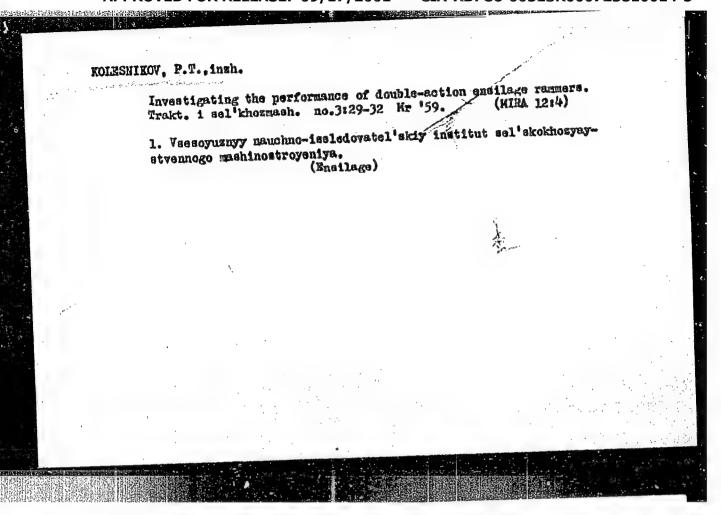
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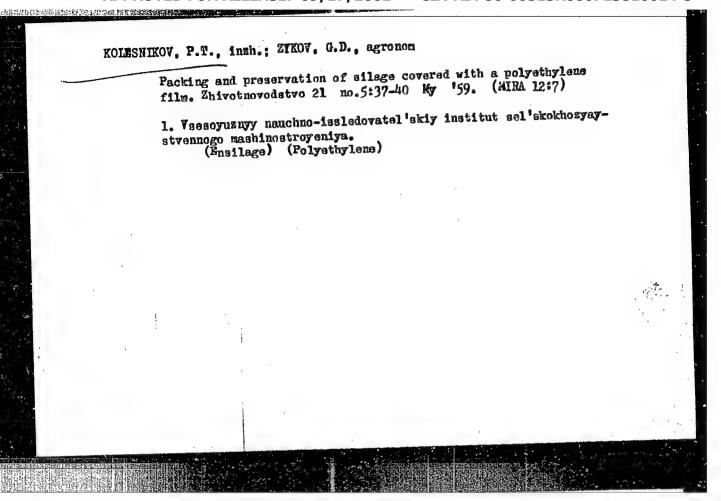
Card 2/2

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·	:
ROE: Sb. Effektiva. metody ispol'z. rezh. instrumenta. Minsk, 1963,	i
coos: machine tool, hard alloy, sintered liller, cutting tool technology,	
FIGH: The VNII tverdykh splavov (All-Union Research Institute for Bard cas developed a new method for manufacturing complex curting tools (i.e. tas developed a new method for manufacturing complex curting tools (i.e. tas developed a new method for manufacturing complex curting tools (i.e. tas developed a new method for manufacturing complex curting tools (i.e. tas developed a new method allowed to the concedure is based on	

cutters, romers, form tools, counterbores), an well as parts for the state of almost any shape, from hard allows. The procedure is based on "lasticized" billets shaped on machine tools to the required dimensions and vior to sintering. The subsequent sintering imparts all the properties

I the state of the compact of the compact of the state of
7
W NR: AR5005686
ristic of hard alloys. The operational procedure employed in manufacture is articles as dies from hard alloys is described. It is demonstrated that on hard alloys in tools insures more accurate final dimensions in parts with such tools, provides a sharp improvement in tool life (i.e. 1000 with such tools, provides a sharp improvement in tool life (i.e. 1000 in injury in involute gear cutters made from "plasticized" hard alloy Vk8M) in the productivity of labor. Three fillustrations. L. Tikhonova.
TUDE: IE, MM ENCL: GO
2/2



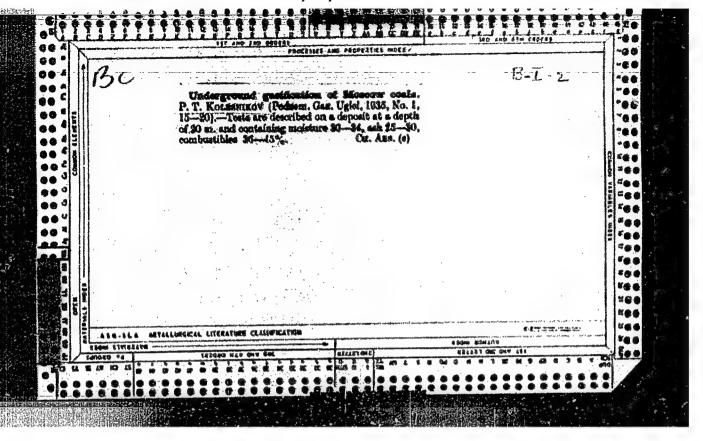


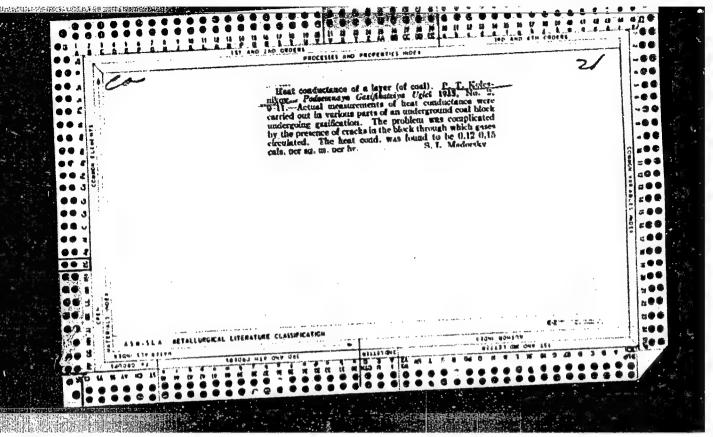
PROCESS OF PACKING A SELECUYEURY MASS AND COMPUTATION OF THE PARAMETERS OF THE PACKERS. MOSCOW, 1960. (JOINT COUN-CIL OF ALL-UNION SCI RES INST COR MECHANIZATION OF AGR. "VIM" [ALL-UNTON | MESTEDIE OF MECHANIZATION] AND TOTAL ALL-UNION SCI RES INST OF ELECTRIFICATION OF AGR "VIESKH"). (KL, 2-61, 209).

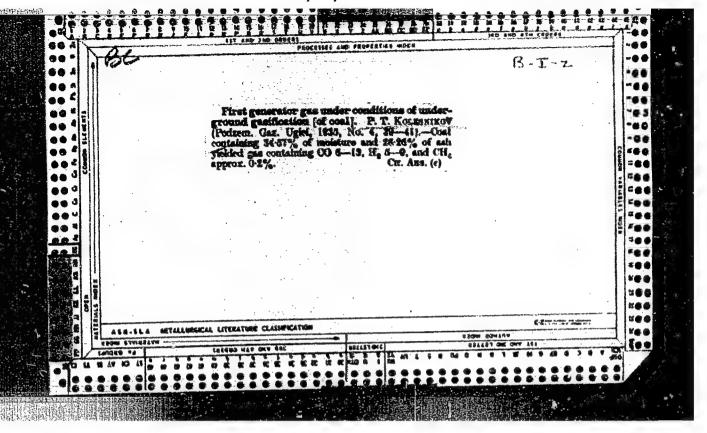
KOLESNIKOV, P.T., kand. tekhn. nauk

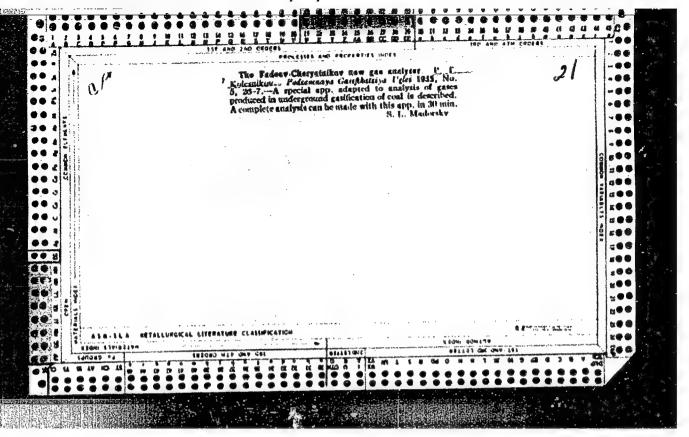
Technological characteristics of silage used in the calculations for packers. Trudy VISKHOMa no.41:45-78 163.

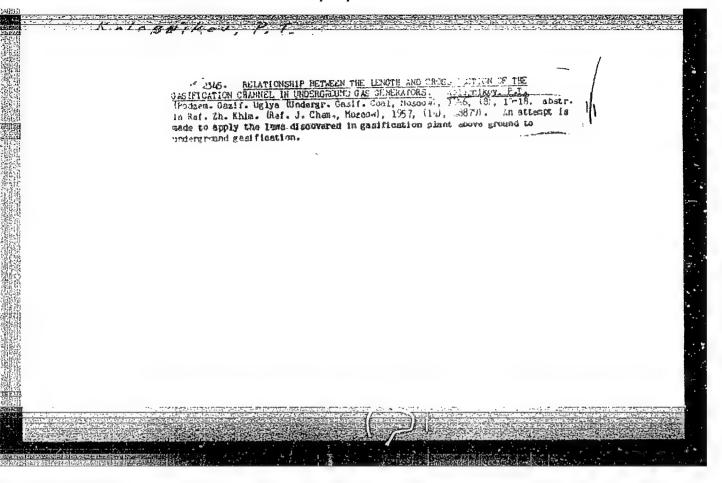
(MIRA 17:9)



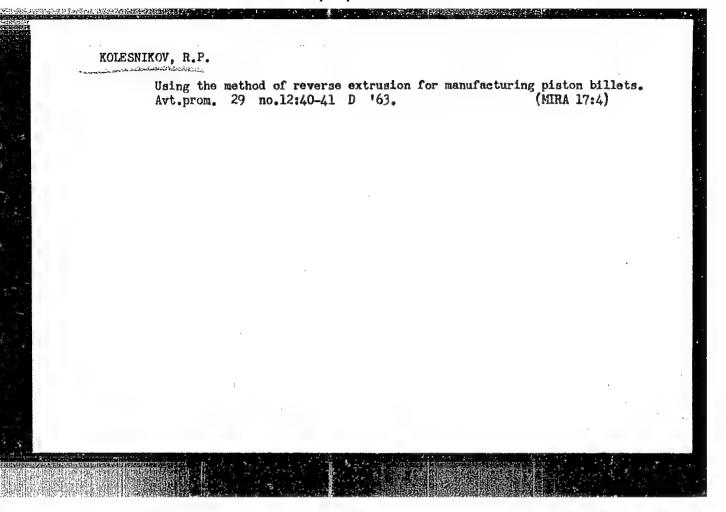








Regenerative method of conducting the process of underground coal gasification. Podzem.gaz.ugl. no.1:79-41 '58. (MIRA 11:4) 1. Vsesoyuznyy nauchno-issledovatel'skiy i proyektnyy institut podzemnoy gazifikatsii ugley. (Ccal gasification, Underground) (Waste heat)



ANGERVAKS, Al'fred Ivanovich; KOLESNIKOV, Audol'f Pavlovich;
KHESIN, S.M., red.

[Precision flashless die forging of bevel gear] Bezoblotnata shtempovka konicheskikh zubchatykh koles s profilem zuba. Loningrad, 1964. 21 p. (MIRA 17:7)

現在に対する は、とうことはなってる。

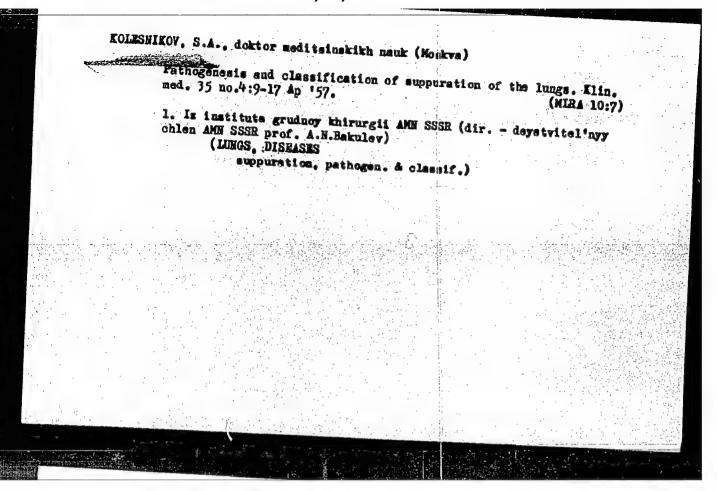
SUURICsolesnikov, R. P. CkJ: none TITLE: Flashless die forging of spur gears SOURCE: Kuznechno-shtampovochnoye proizvodstvo, no. 11, 1965, 9-12 TOPIC TAGS: hot die forging, die, electroerosion, metal heat treatment from is " " " " in working machiner ABSTRACT: The author describes a newly developed technique for the flashless die forwing of spur gears, based on the prior heiting of blanks in an argon atmosphere so is a minimize the surface-layer defects and hence also the subsequent machining and each and cutting of die inserts by means at alectrocrusion machining. The that the these die forging to as follows: It istnesturing of blanks to of the model (L = 31.5 mm); 1) hearing of Min / - 1 11- 'C in argon atmosphere; or torging at 1160-850°C; 4) heating of forther to logg C in argon; 5) final 1 labo-850°C and, if necessary, calibration at abo-700°C; 6) heat treatment wie-forged gears (oil quenching from 970°C and thousakes at 500°C); 7) machining in the conventional sequence on gear-sharing and gear-grinding machines; 8) heat treatment and case-hardening of gear teeting 9) final machining. The electroarcsion shaping of the die inserts by means of efactric spark machines assures a high dimen-Card 1/2 621.73.034

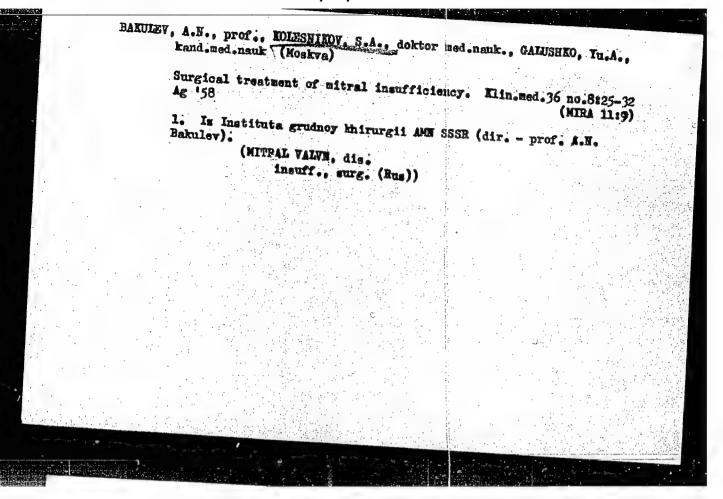
represents a rapid a	purity of the toothed ad convenient method o	f producing and	epairing die in	serts. The
crank press have vir	red with the aid of su tually defect-free sur	faces and precise	dimensions so	that the
colerances for their	metal consumption in	1.5-2 times compa	red with the no	rmal tole-
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resonance. Dokl.	etection of HO2 radicals by means of electron permagnetic esonance. Dokl. AN SSSR 140 no.5:1100-1101 0 161. (MIRA 15:2) Institut khimicheskoy fiziki AN SSSR Predstavleno				
1. Institut khim akademikom V.N.Ko	ondrat'yevym.	AN SSSK, Predst mistry)—Spectra			

Odessa health res strakh. 5 no.5:21	ort grows and develops -22 My '62.	. Okhr. truda (MIR/	i sots. 15:5)		
 Nachal'nik Odesskogo territorial'nogo kurortnogo upravleniya (for Kolesnikov). Doverennyy vrach Odesskogo oblastnogo soveta professional'nykh soyuzov (for Adamovskiy). (Odessa Province—Health resorts, watering places, etc.) 					

	Treatment of	Treatment of acute lung abscesses [with Khirurgila 33 no.5:17-25 My 157.			3)
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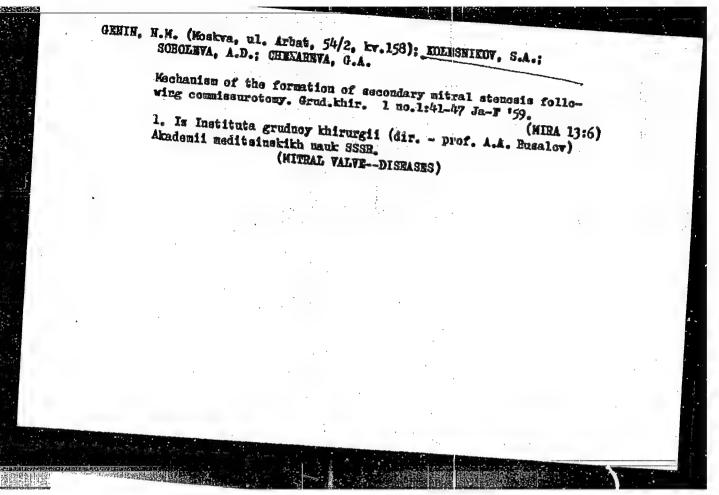


BAKULEV, A.N., prof., red.; BUSALOV, A.A., prof., red.; ZHMUR, V.A., prof., red.; IVANITSKAYA, M.A., dots., red.; KOLESNIKOV, S.A., doktor med. nauk, red.; SERGEYEV, V.M., red.; ZAKHAROVA; A.I.,

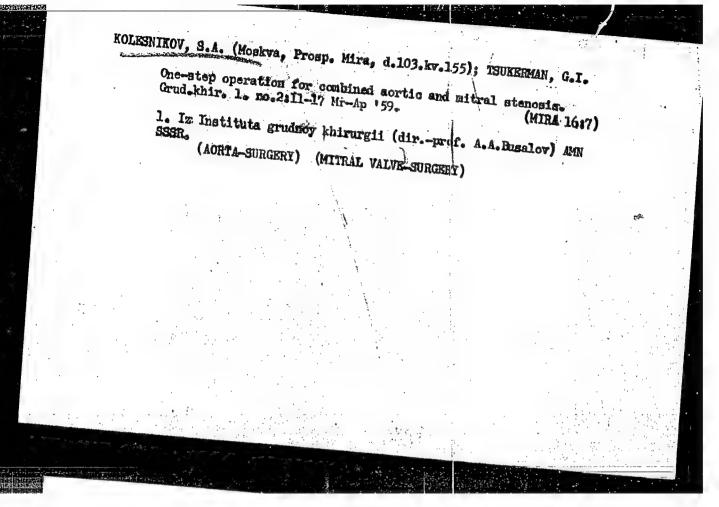
[Transactions of the First Jubilee Scientific Session of the Lastitute for Chest Surgery of the Academy of Medical Sciences of the U.S.S.R.] Trudy 1-i iubileinoi nauchnoi sessii, 2-4 dekabria 1957 g. Moskva, Pod red. A.A.Busslova. Moskva, Medgiz, 1959. 263 p. (MIRA 15:5)

1. Akademiya meditsinskikh nauk SSSR, Moscow. Institut grudnov khirurgii. 2. Deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR, Institut grudnoy khirurgii Akademii meditsinskikh nauk SSSR (for Bakulev). 3. Direktor fakul'tetskoy khirurgicheskoy kliniki Vtorogo Moskovskogo gosudarstvennogo meditsinskogo instituta imeni N.I.Pirogova (for Busalov). 4. Institut grudnoy khirurgii Akademii meditsinskikh nauk SSSR (for Zhmur, Ivanitskaya, Kolesnikov).

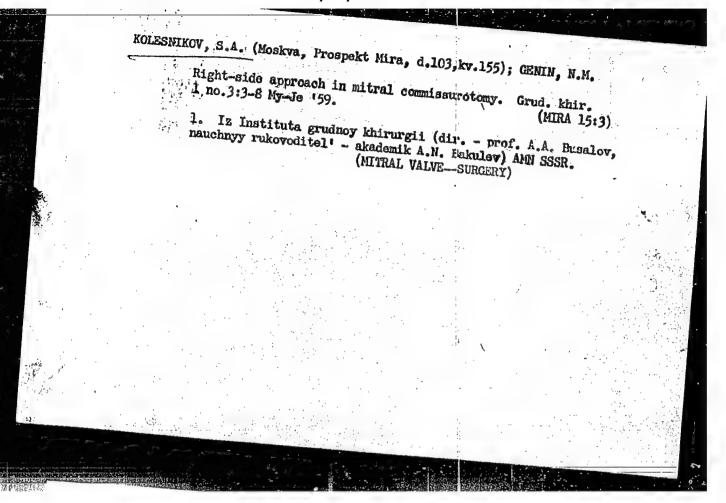
(CHEST-SURGERY)



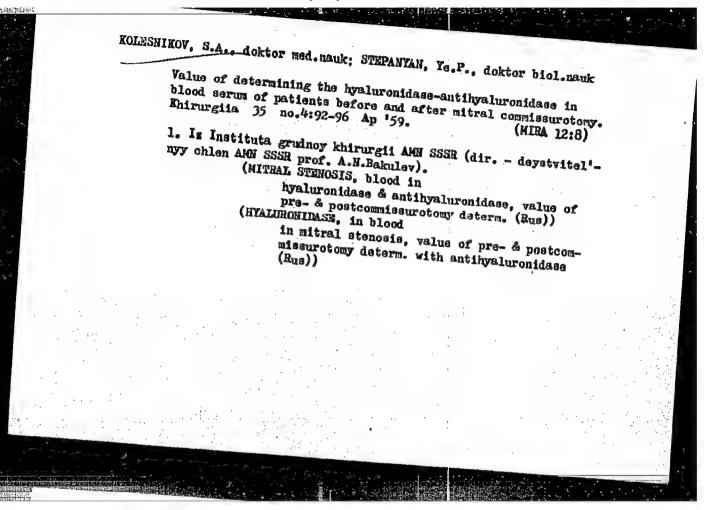
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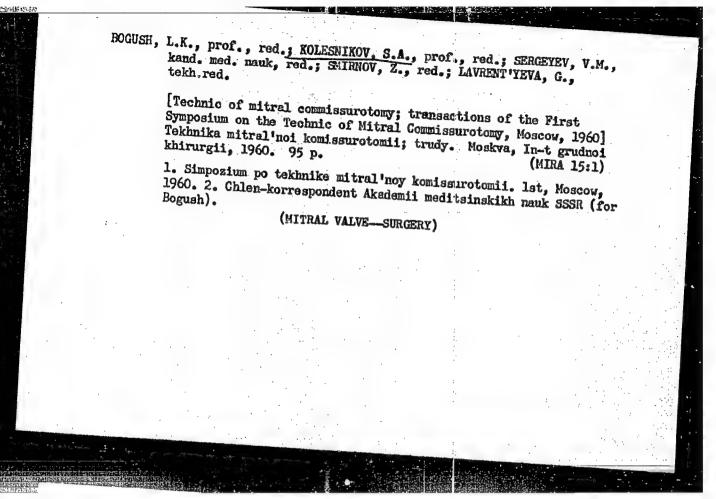


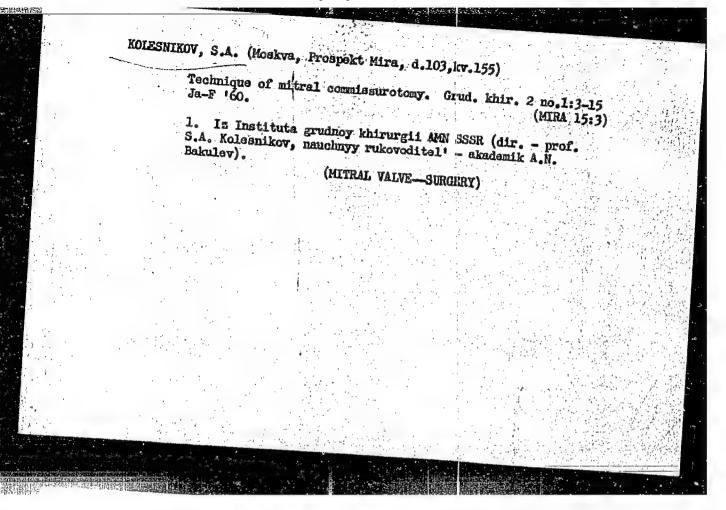
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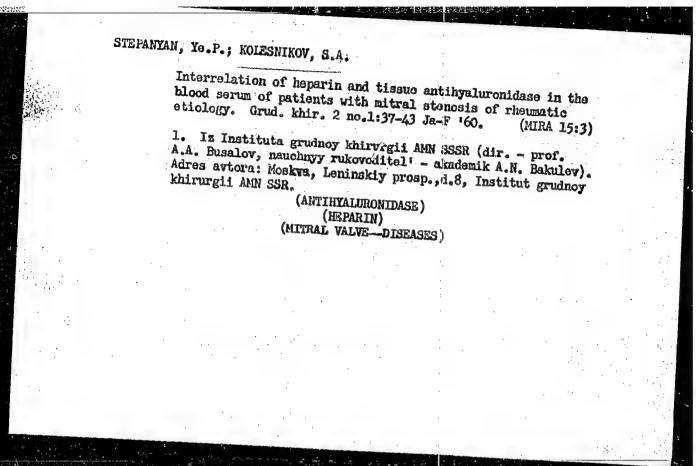
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BAKULEV, A.N.; KOLESNIKOV, S.A.; BUKHARIN, V.A.; ZUBAREV, R.P.

First report on the clinical use of a large vasosutural apparatus for carrying out a cava-pulmonary anastomosis in tetralogy of Mr-Ap'60. (MIRA 16.7)

l. Iz Instituta grudnoy khirurgii AMN SSER (dir.prof. A.A.Busalov, nauchnyy rukovoditel' - akademik A.N.Bakulev). Adres avtorov: Moskva, Leninskiy prosp., d.8, Institut gradnoy khirurgii AMN SSER.

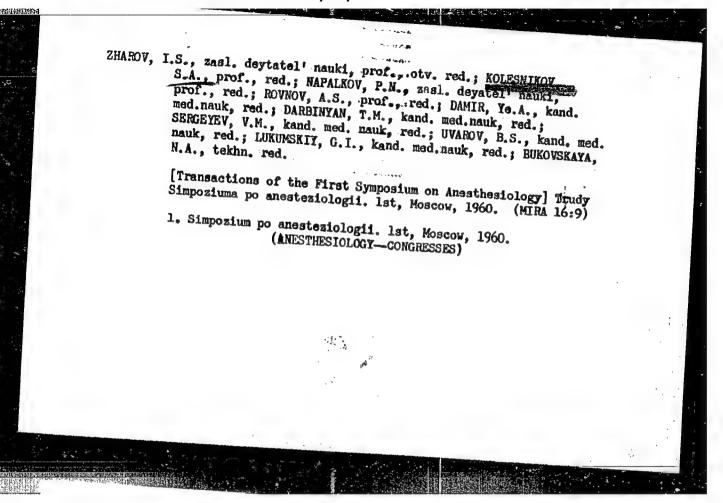
(PULMONARY ARTERY—SURGERY) (VENA CAVA—SURGERY)
(SURGICAL INSTRUMENTS AND APPARATUS) (TETRALOGY OF FALLOT)

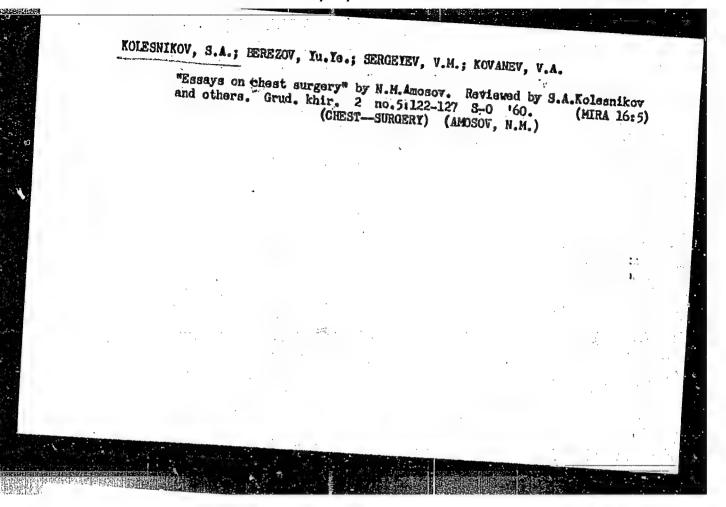
Dynamocardiographic study of the functional state of the heart in lung diseases. Grud. khir. 2 no.4:51-56 J1-Ag '60. (MIRA 15:6)

1. Iz laboratorii fiziologii krovoobrashcheniya (zav. - akademik Ye.B. Babskly) i vtorogo legochnogo otdoleniya (zav. - doktor med.nauk S.A. Kolesnikov) Instituta grudnoy khirurgii ANN SSSR (dir. - akademik A.N. Bakulev). Adres avtorov: Moskva, Leninskiy prospekt, d.8, Institut grudnoy khirurgii ANN SSSR.

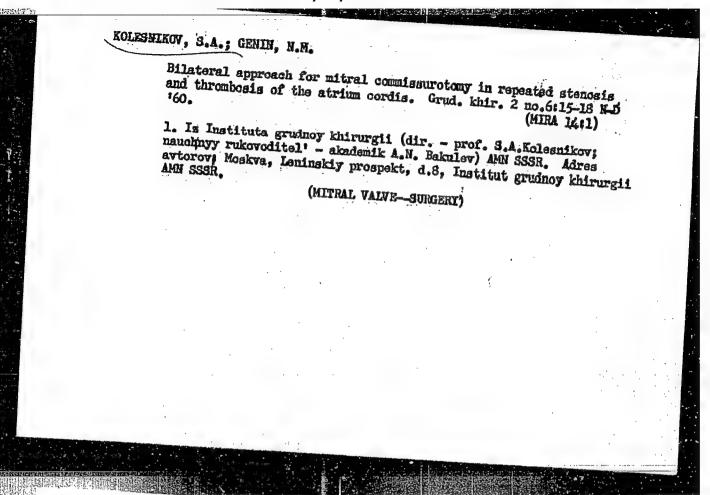
(LUNGS—DISEASES)

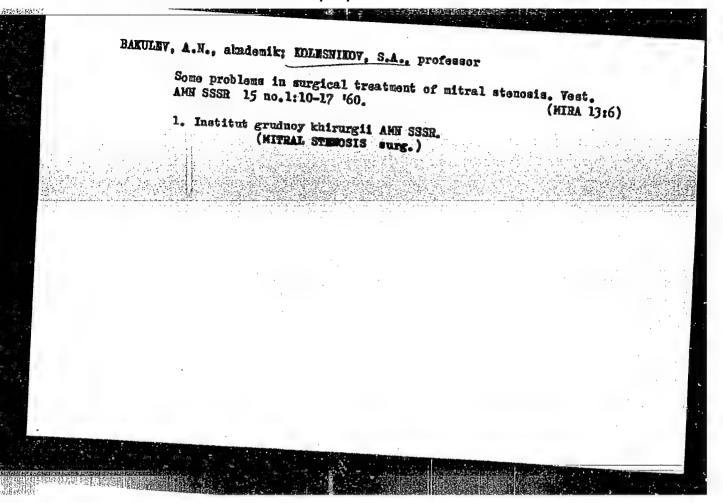
(HEART BEAT)



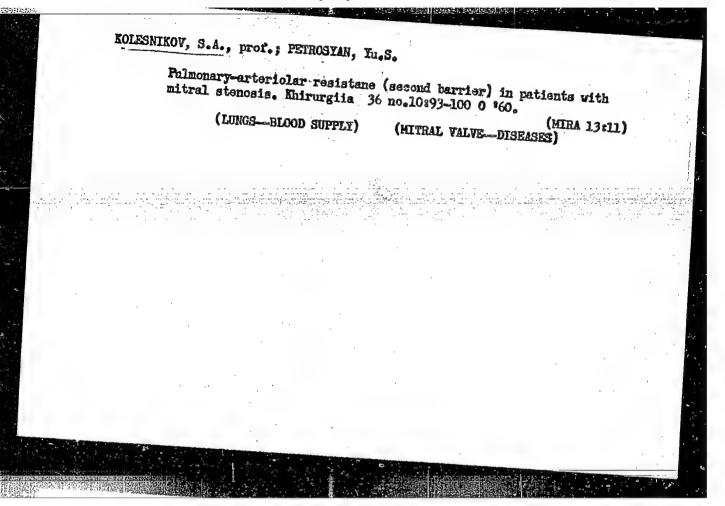


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ROLESNIKOV, S.A., prof.; SERGEYEV, V.M., kand.med.nauk; RYZHKOV, Ke.I., kand.med.nauk

Surgical therapy for coelcmic cysts of the pericardium. Vest. (HIRA 14:1)

1. Iz Instituta grudnoy khirurgii (dir. - prof. S.A. Kolesnikov, nauchn. rukovod. - prof. A.I. Bakulev) Akademii meditsinskikh

(PERICARDIUM—SURGERY) (GISTS)

KOLESNIKOV, S.A.; IVANITSKAYA, M.A. Galcification of the mitral valve; its diagnosis and significance in surgical treatment of mitral stenosis. Grud.khir. no.3:21-28 (61. 1. Iz rentgenologicheskogo otdeleniye (zev. - dotsent M.A. Ivanitskaya) Instituta grudnoy khirurgii (dir. - prof. S.A. Kolesnikov, nauchnyy rukovoditel' - akad. A.N. Bakuley) AMN SSSR. (MITRAL VALVE—DISEASES) (CALCIFICATION)

KOLESNIKOV, S.A., professor; TSUKERMAN, G.I.; PETROSYAN, Yu.S.; LEVANT, A.D.

Surgical treatment of mitral, aortic and tricuspid stenosis.
Vest.khir. no.5:3-10 '61. (MIRA 15:1)

1. Iz Instituta grudnoy khirurgii (dir. - prof. S.A. Kolesnikov, nauchn. rukovod. - akademik A.N. Bakulev) AMN SSSR. Adres avtorov: Moskva, B-49, Leninskiy pr., d.S. Institut grudnoy khirurgii.

(AORTA—DISEASES) (MITRAL VALVE—DISEASES)

(HEART—VALVES—DISEASES)

KOLESNIKOV, S. A.; ZHADOVSKAYA, V. M.; PETROSYAN, Yu. S.

Measurement of the pressure in the left cavities of the heart and pulmonary artery during surgery for mitral stenosis. Grud. khir. no.5225-31 '61. (MIRA 15:2)

1. Is Instituta grudnoy khirurgii (dir. - prof. S. A. Kolesnikov, nauchnyy rukovoditel - akad. A. N. Bakulev) AMN SSSR.

(MITRAL VALVE—SURGERY) (FULMONARY ARTERY)
(BLOOD PRESSURE)

KOLESNIKOV, S.A.; BUKHTIYAROV, A.G.

Results of the experimental testing of the Research Institute for Experimental Surgical Apparatus and Instruments and Melrose apparatus for artificial blood pirculation. Trudy NIIRMHSI no.5: 125-131 '61. (MIRA 15:8)

1. Iz Instituta grudnoy khirurgii AMN SESR. (PERFUSION PUMP (HEART)

KOLESNIKOV, S. A.; SOBOLEVA, A. D.; CHEKAREVA, G. A. (Moskva)

Histogenesis of the structure of the heart in tetralogy of Fallot (dextroposition of the bulbus of the heart). Arkh. pat. no.7: (MIRA 15:4)

1. Iz Instituta grudnoy khirurgii AMN SSSR (dir. - prof. S. A. Kolesnikov, nauchnyy rukovoditel' - akad. A. N. Bakulev) i kafedry patologicheskoy anatomii (zav. - deystvitel'nyy chlen AMN SSSR prof. I. V. Davydovskiy) II Moskovskogo meditsinskogo instituta imeni N. I. Pirogova.

(TETRALOGY OF FALLOT)

KOLESNIKOV, S.A., prof.; IEVANT, A.D.

Surgical treatment of tricuspid stenosis. Kardiologia 1 no.3:
51-58 My-Je '61. (NIRA 15:3)

1. Iz Instituta grudnoy khirurgii AMN SSSR (dir. - prof.
S.A. Kolesnikov; nauchnyy rukovoditel' - akademik A.N. Bakulev).

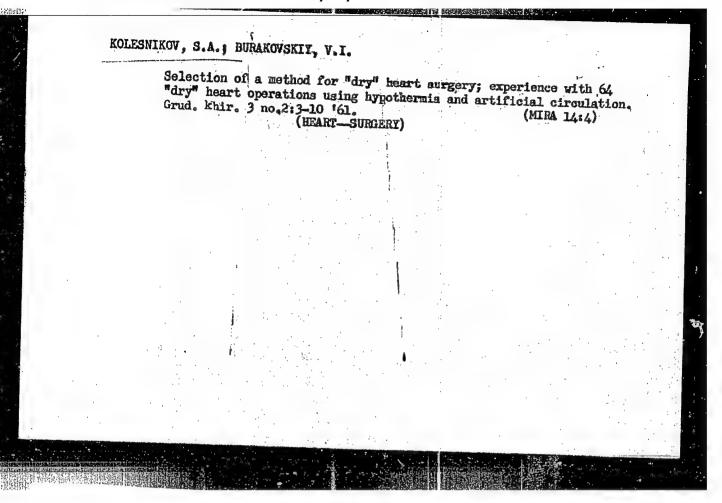
(HEART VALVES—SURGERY)

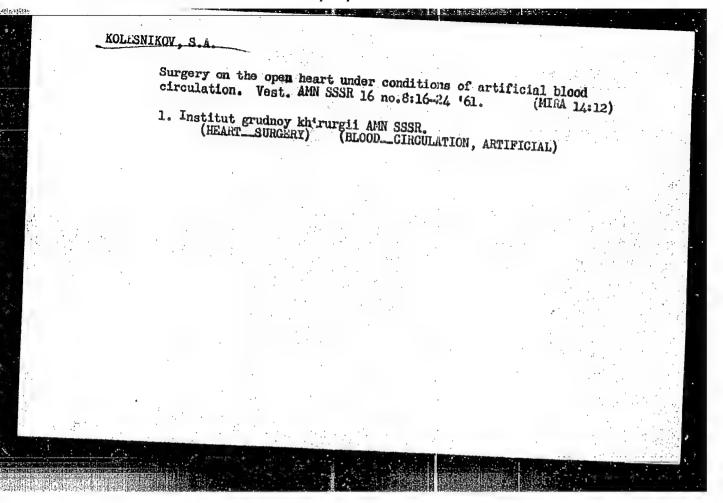
KOLESNIKOV, S.A.; GENIN, N.M.; LEVART, A.D.; FETROSYAH, Yu.S.

Surgical treatment of tricuspid stenosis. Grud. khir. 1 no.5:16-23 (MIRA 15:3)

1. Iz Instituta grudnoy khirurgii AMN SS\$R (dir. - prof. A.A. Busalov nauchnyy rukovoditel! - akademik A.N. Bakulev). Adres avtorov: Moskva, Ieninskiy prosp., d.8, Institut grudnoy khirurgii AMN SSSR.

(HEART-VALVES)





Achievements in contemporary chest surgery and the prospects for its further development. Vest. AMN SSSR 16 no.12:92-98 161. (MIRA 15:2)

1. Problemnaya komissiya po probleme No.30 "Khirurgiya serdtsa, magistral'nykh sosudov, legskikh i pishchevoda" (predsedatel - prof. S.A.Kolesnikov) pri prezidiume AMN SSSR. (CHEST_SURGERY)

KOLESHIKOV, S.A., prof.; FITTLEVA, L.M.

Evaluation of methods of mitral commissurotomy by means of the phonocardiographic examination of patients. Vest.khir. 87 no.11: 46-51 N *61. (MIRA 15:11)

1. Iz otdeleniya priobretennykh porokov serdtsa (zav. - prof. S.A. Kolesnikov) i laboratorii funktsional'noy diagnostiki (zav. - kand.med.nauk G.G. Gel'shteyn) Instituta grudnoy khirurgii (dir. - prof. S.A. Kolesnikov, nauchn. rukovoditel' - prof. A.N. Bakulev)

AMN SSSR.

(MITRAL VALVE—SURGERY) (HEART—SOUNDS)

KOLESNIKOV, S.A.; BURAKOVSKIY, V.I.; KLAMMER, M.Ye.; ROMASHOV, F.N.;
RYABOV, G.A.

Deep hypothermia in heart surgery. Grud.khir. 3 no.6:6-17 N-D '61. (MIRA 15:3)

1. Iz Instituta serdechno-sosudistoy khirurgii (dir. - prof. S.A. Kolesnikov, nauchnyy rukovoditel - akad. A.N. Bekulev)
AMN SSSR. Adres S.A. Kolesnikova: Moskva, Leninskiy pr., d.8,
Institut serdechno-sosudistoy khirurgii AMN SSSR.

(HEART—SURGERY) (HYPOTHERMIA)

KOLESNIKOV, S. A., prof.; (Moskva, pr. Mira, d. 103, kv. 155;

STEPANYAN, Te. P., doktor biol-mauk

Some blood coagulation factors in mitral defects of the heart of rheumatic etiology. Vest. khir. no.2:3-6 '62. (MIRA 15:2)

1. Iz Instituta grudnoy khirurgii AMN SSSR (dir. - prof. S. A. Kolesnikov, nauchnyy rukovod. - akad. A. N. Bakulev)

(MITRAL VALVE—DISEASES) (BLOOT—COAGULATION)
(RHEUMATIC HEART DISEASE)

KOLESNIKOV, S. A.; BURAKOVSKIY, V. I.; MURAV'YEV, M. V.; ROMASHOV, F. N.; LYUDE, M. N.

Clinical aspects, diagnosis and surgical treatment of cor triloculare biventriculare. Grud. khir. no.2:16-20 62.

(MIRA 15:4)

1. Iz Instituta serdechno-sesudistoy khirurgii (dir. - prof. S. A. Kolesnikov, nauchnyy rukovoditel - akad. A. N. Bakulev)
AMN SSSR.

(HEART-ABNORMITIES AND DEFORMITIES)

KOLESNIKOV, S.A., prof.; MURAV'YEV, M.V., dotsent

Defects in the interventricular septum; clinical aspects, diagnosis and surgical treatment. Kardiologiia 2 no.1:59.67 Ja-F 162.

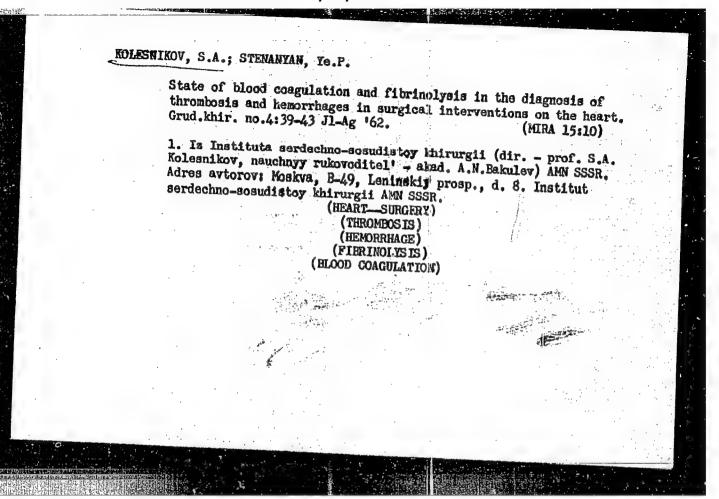
1. Iz kafedry grudnoy khirurgii TSentral'nogo instituta usovershenstvovaniya vrachey (dir. M.D.Kovrigina) i Instituta serdechnososudistoy khirurgii AMN SSSR (dir. - prof. S.A.Kolesnikov, nauchnyy rukovoditel' A.N.Bakulev). (HEART--DISEASES)

KOLESNIKOV, S.A.; BUKHARIN, V.A.; KHUAN SYU-CHZHUN [Ruang Haiu-chung]

Developmental defects of the atrioventricular canal; their clinical aspects, diagnosis and surgical treatment. Kardiologiia 2 no.5:16-27 S-0 '62. (MIRA 15:12)

1. Iz otdeleniya zabolevaniy serdisa i sosudov u detey (zav. - kand.med.nauk V.I.Burakovskiy) Instituta grudnoy khirurgii AMN SSSR (dir. - prof. S.A.Kolesnikov, nauchnyy rukovoditel! - akad. A.N.Bakulev).

(HEART—AENORMITIES AND DEFORMITIES)



KOLESNIKOV. 2.A.; NEZLIN, V.Yo.; IVANITSKAYA, M.A.; PETROSYAN, Yu.S.; LEONT YEVA, N.S. ASTRAKHANTSEVA, G.I.

Clinical observations on mitral stenosis patients with active hypertension of the lesser circulation. Grud.khir. 4 no.6: 3-9 N-D:62. (MIRA 16:10)

1. Is Institute serdechno-sosudistoy khirurgii (dir. - prof. S.A. Kolesnikov; nauchnyy rukovoditel! - akademik A.N.Bakulev)
AMN SSSR. Adres avtorov: Moskva, V-49, Leninskiy prospekt, d.8,
Institut serdechno-sosudistoy khirurgii AMN SSSR.

(MITRAL VALVE-DISEASES) (HYPERTENSION)

KOLESNIKOV, S. A., prof.; STEPANYAN, Ye. P.; SMIRENSKAYA, Ye. M.

Increased hemorrhagic diathesis after operations performed under artificial blood circulation. Probl. gemat. i perel. krovi no.8: 40-45 62. (MIRA 15:7)

1. Iz laboratorii biokhimii (zav. - prof. Yo. P. Stepanyan), klinicheskoy fiziologii (zav. - prof. A. G. Bukhtiyarov) Instituta serdechno-sosudistoy khirurgii (dir. - prof. S. A. Kolesnikov, nauchnyy rukovoditel' - akad. A. N. Bakulev)

(HEMOPHILIA) (BLOOD-CIRCUIATION, ARTIFICIAL)

EANSHCHIKOV, V.M.; KOLESNIKOV, S.A.; ROMANOVA, I.S.; GENIN, N.M.

Clinical characteristics of mental disorder in patients with acquired heart defects following mitral commissurotomy. Zhur. nerv.i paikh. 62 no.61916-920 '62. (MIRA 15:11)

1. Institut psikhiatrii (dir. - prof. V.M.Banshchikov) Ministerstva zdravookhraneniya ESFSR i Institut grudnoy khirurgii (dir. - prof. S.A.Koleenikov) AMN SSSR, Moskva. (MITRAL VALVE—SURGERY) (MENTAL ILLNESS)

KOLESNIKOV, S.A.; IVANITSKAYA, M.A.; TSUKERMAN, G.I.

Intravital diagnosis and surgical treatment of myxoma of the heart.Grud.khir. 5 no.1:40-46 Ja-F'63. (MIRA 16:7)

1. Iz Instituta serdechno—sosudistoy khirurgii (dir.-prof. S.A. Kolesnikov; nauchnyy rukovoditel!—akademik A.N. Bakulev) AMN SSSR. (HEART—TUMORS) (ANGIOCARDIOCRAPHY)

KOLESNIKOV, S.A.; IVANITSKAYA, I.N.

Late results of mitral commissurotomy according to dynamocardiographic data. Grud. khir. 5 no.2:39-44 Mr-Ap*63 (MIRA 17:2)

1. Iz laboratorii klinicheskoy fiziologii (mav. - akademik AN UkrSSR Ye. B. Babskiy) Instituta normal noy i patologicheskoy fiziologii (direktor - deystvitel tyy chlen AMN SSSR V.V.Parin) AMN SSSR i Instituta serdechno-sosudistoy khirurgii AMN SSSR. Adres Kolesnikova: Moskva V-49, Leninskiy prosp., d. 8, Institut serdechno-sosudistoy khirurgii AMN SSSR.

KOLESNIKOV, S.A.; VANINA, L.V.; GENIN, N.M.

Mitral commissurotomy during pregnancy. Grud. khir. 5 no.6:8-10 (MIRA 17:2)

1. Iz Instituta prdechno-sosudistoy khirurgii (direktor - prof. S.A. Kolesnikov) AMN SSSR i kafedry akusherstva 1 ginekologii (zav. - prof. K.N.Zhmakin) I Moskovskogo ordena Lenina meditsinskogo instituta im. I.M.Sechenova. Adres avtorov: Moskva, V-49, Leninskiy prosp., d. 8. Institut serdechnososudistoy khirurgii AMN SSSR.

KOLESNIKOV, S.A. prof.

Achievements in the field of cardiovascular surgery. Med. sestra 22.no.1:3-10 Ja '63. (MIRA 16:7)

1. Iz Instituta serdechno-sosudistoy khirurgii AMN SSSR, Moskva. (CARDIOVASCULAR SYSTEM—SURGERY)

KOLESNIKOV, S.A., prof.; TSUKERMAN, G.I., kand.med.nauk; LEONT'YEVA, N.S., kand. med.nauk; MEYTINA, R.A., kand. med. nauk; PETROSYAN, Yu.S., kand.med.nauk; GOLYA, B.F.; ASTRAKHANTSEVA, G.I.

Characteristics of the operative and immediate postoperative period in mitral commissurotomy in patients with severe pulmonary hypertension. Sovet. med. 27 no.6:14-20 Je*63.

(MIRA 17:2)

1. Iz Instituta serdechno-sosudistoy khirurgii (direktor - prof. S.A. Kolenikov, nauchnyy rukovoditel* - akademik A.N.Bakulev)

EAKULEV, A.N., akademik; KOLESHIKOV, S.A., prof.; BURAKOVSKIY, V.I.;

GEL'SHEETH, G.G.; LEHEDEVA, G.K.; MURAV'IEV, M.V.; METTIMA, R.A.

Artificial blood circulation in combination with hypothermia in
the surgery of congenital heart defects. Vest.khir. 96. no.2:
10-19 F'63.

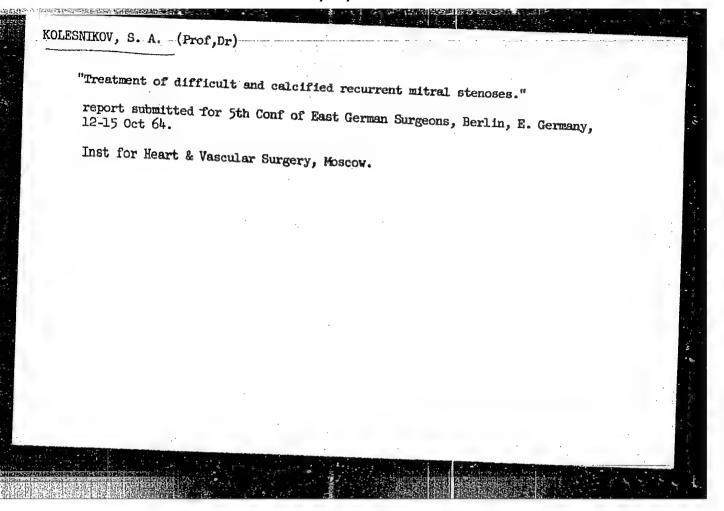
(MIRA 16:7)

1. Iz Instituta serdechno-sosudistov khirurgii (dir. - prof.
S.A. Kolesnikov, nanchnyy rukovoditel' - akademik A.N. Bakulev)
AMN SSSR. Adres avtorov: Moskva, V-49, Leninskiy pr., d.8,
Institut serdechno-sosudistov khirurgii AMN SSSR.

(HEART—SURGERY) (HYPOTHERMIA)

(BLOOD—CIRCULATION, ARTIFICIAL)

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KOLESNIKOV, S.A.; STRAKHOV, S.N.

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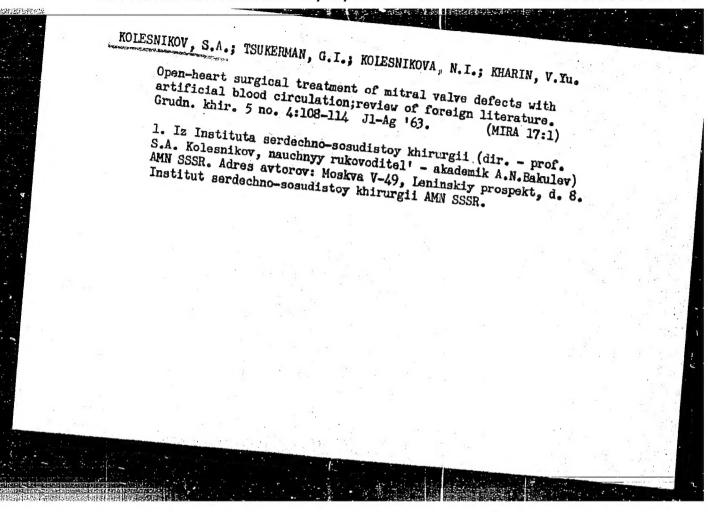
Comparative evaluation of two methods of mitral commissurotomy based on electroencephalographic data. Grudn. khir. 5 no.3: 15-19 My-Je:63 (MIRA 17:1)

1. Iz Instituta serdechno-sosudistoy khirurgii (dir. - prof. S.A. Kolesnikov, nauch vy rukovoditel - akademik A.N. Bakulev) ANN SSSR. Adres avtorov: Moskva V-49. Leninskiy prosp., d.8. Institut serdechno-sosudistoy khirurgii ANN SSSR.

KOLESNIKOV, S.A.; BURAKOVSKIY, V.I.; GEL'SHTEYN, G.G.; LEBEDEVA, G.K.

Restoration of normal cardiac activity and vascular toms using an artificial blood circulation apparatus. Gradn. khir. 5 no. 4: 21-24 J1-Ag '63. (MIRA 17:1)

1. Iz Instituta serdechno-sosudistoy khirurgii (dir. - prof. S.A. Kolesnikov, nauchnyy rukovoditel - akademik A.N.Bakulev) AMN SSSR. Adres avtorov: Moskva V-49, Leninskiy prosp., d. 8, Institut serdechno-sosudistoy khirurgii AMN SSSR.



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RYABOV, G. A.; KOLESNIKOV, S. A.; BAKULEV, A. N.

"L'indication de l'anesthesie postoperatoire chez les malades cardiaques operes en circulation extracorporelle et hypothermie profonde."

report submitted for 3rd World Cong, Anesthesiology, Sao Paulo, Brazil, 20-26

RYABOV - Cand Med Sci (travail effetue dans l'Institut de Chirurgie Cardiovasoulaire,

KOLESNIKOV - Dir, Activiste Emerite des Sciences de la RSFSR.

BAKULEV - Consultant Scienthiphyque, membre de l'Academie.

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KOLESNIKOV, S. A.; RYABOV, G. A.; GELSHTEYN, G. G.; LAGJTINA, A. I.; KOLESNIKOVA, N. I.; KISS, S. Ya. (Moscow)

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